

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional) MATS:027A

SERIAL NO.: 10/635,720

APPLICANT(s) KAWANO et al.

FILING DATE: 8/6/2003

Group Art Unit

2834

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
	A	US-5,537,482	7/96	Janning	381	198	
	B	US-4,283,647	8/81	Herr, et al.	310	154	
	C	US-5,710,474	1/98	Mulgrave	310	254	
	D	US-3,993,972	11/76	Barbrook	335	220	
	E	US-4,349,757	9/82	Bhate	310	15	
	F	US-4,429,240	1/84	Kishi	310	45	
	G	US-4,700,093	10/87	Negishi	310	89	
	H	US-4,990,806	2/91	Kikuchi et al.	310	49 A	
	I	US-5,808,381	9/98	Aoyama et al.	310	12	
	J	US-6,060,810	5/00	Lee et al.	310	254	
	K	US-6,222,286	4/01	Watanabe et al.	310	49 R	

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINE R

DATE CONSIDERED

2/25/2005

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXAMINER INITIAL	Ref	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
<i>[Signature]</i>	L	US-3,922,501	11/75	Yamamuro	179	115.5 R	
<i>[Signature]</i>	M	US-4,757,220	7/88	Pouillange	310	49 R	
<i>[Signature]</i>	N	US-5,440,183	8/95	Denne	310	12	
<i>[Signature]</i>	O	US-6,177,748 B1	1/01	Katcher	310	209	
<i>[Signature]</i>	P	US-6,191,517 B1	2/01	Radovsky	310	162	
<i>[Signature]</i>	Q	US-6,097,125	8/00	Park et al.	310	156	
<i>[Signature]</i>	R	US-5,357,587	10/94	Grodinsky et al.	381	199	
<i>[Signature]</i>	S	US-3,421,033	1/69	Hoffmeyer	310	172	
<i>[Signature]</i>	T	US-5,734,209	3/98	Hallidy	310	12	
<i>[Signature]</i>	U	US-6,251,514 B1	6/01	Lashmore et al.	428	328	
<i>[Signature]</i>	V	US-6,452,302 B1	9/02	Tajimi et al.	310	216	

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						YES	NO

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JP	W	JP 11-187639(A)	7/99	JAPAN	—	—	Abstract	
JP	X	JP 10-323003(A)	12/98	JAPAN	—	—	Abstract	
JP	Y	JP 3-325651(A)	10/91	JAPAN	—	—	Abstract	
JP	Z	JP 2-57277	4/90	JAPAN	—	—	Abstract	
JP	AA	JP 10-285898(A)	10/98	JAPAN	—	—	Abstract	
JP	BB	JP 6-303755(A)	10/94	JAPAN	—	—	Abstract	
JP	CC	WO 97/13261	4/97	PCT	—	—		
JP	DD	JP 10-512437(A)	11/98	JAPAN	—	—		X
JP	EE	JP 11-220846	8/99	JAPAN	—	—		X

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

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